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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/026,385	12/21/2001	Gabriel Garcia Montero	RSW920010210US1	1061

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EXAMINER

WILLETT, STEPHAN F

ART UNIT	PAPER NUMBER
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2142

DATE MAILED: 09/28/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/026,385

Applicant(s)

MONTERO, GABRIEL GARCIA

Examiner

Stephan F. Willett

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 June 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 12/21/01.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

**DETAILED ACTION**

***Claim Rejections - 35 USC 102***

1. The following is a quotation of the appropriate paragraphs of 35 U. S.C. 102(e) that form the basis for the rejections under this section made in this Office action:

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

1. Claims 1, 3, 5-6, 8-9 are rejected under 35 U.S.C. 102(e) as being anticipated by Hall with Patent Number 6,026,396.

1. Regarding claim 1, 6, Hall teaches a messaging system with topics and rules. Hall teaches a message server, col. 6, lines 14-15. Hall teaches a plurality of topics stored or posted, col. 5, lines 42-43 in a message server, col. 11, lines 18-21. Hall teaches a plurality of subtopics associated with a topic, col. 9, lines 27-28. Hall teaches dynamic partitioning topics into subtopics, col. 6, lines 46-52 and a request processor for processing system requests in individual threads of execution as the “five exemplary message processors” that “forward it[messages] to all list members” so that messages are “filtered out” , col. 9-10, lines 51-17.

2. Regarding claim(s) 3, Hall teaches a server residing in a process address space, col. 5, lines 18-19.

3. Regarding claim(s) 5, 8-9, Hall teaches a plurality of threads of execution, each said thread hosting a process for communicating a message between one of said subtopics in said at least one message server and a message subscriber, col. 9-10, lines 53-14.

**Claim Rejections - 35 USC 103**

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 2, 4 and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hall with Patent Number 6,026,396 in view of Najmi with Patent Number 6,753,889.

4. Regarding claims 2, 4, 7, Hall teaches a messaging system with topics and rules. Hall teaches a message server, col. 6, lines 14-15. Hall teaches a plurality of topics stored or posted, col. 5, lines 42-43 in a message server, col. 11, lines 18-21. Hall teaches a plurality of subtopics associated with a topic, col. 9, lines 27-28. Hall teaches dynamic partitioning topics into subtopics, col. 6, lines 46-52 and a request processor for processing system requests in individual threads of execution as the “five exemplary message processors” that “forward it[messages] to all list members” so that messages are “filtered out”, col. 9-18, lines 51-52, 64. Hall teaches the invention in the above claim(s) except for explicitly teaching a JMS compliant message server and JVM. In that Hall operates to generate service message requests with a Java network the artisan would have looked to the messaging network arts for details of implementing a JAVA virtual machine. In that art, Najmi, a related network messaging network, teaches “for each JMS topic”, col. 4, line 31 in order to provide topics. Najmi specifically teaches a JVM associated with an address or processor, col. 11, lines 8-10 and a JMS compliant message server, col. 3, line 59. Further, Najmi suggests using a “J2EE sever” on “servers appropriate to existing needs”, col. 2, lines 7-11 which will result from implementing JAVA. The motivation to incorporate a

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JVM and LMS insures that JAVA is supported. Thus, it would have been obvious to one of ordinary skill in the art to incorporate the JVM and JMS as taught in Najmi into the messaging system described in the Hall patent because Hall operates with different processor spaces and Najmi suggests that optimization can be obtained with JAVA. Therefore, by the above rational, the above claim(s) are rejected.

### *Response to Amendment*

1. The limited structure claimed, without more functional language, reads on the references provided. Thus, Applicant's arguments can not be held as persuasive regarding patentability.
2. Applicant's arguments with respect to the rejection(s) of the claim(s) have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection are made.

### *Conclusion*

3. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).
3. A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

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however, will the statutory

1. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephan Willett whose telephone number is (571) 272-3890. The examiner can normally be reached Monday through Friday from 8:00 AM to 6:00 PM.
2. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Caldwell, can be reached on (571)272-3868. The fax phone number for the organization where this application or proceeding is assigned is (703)872-9306.
3. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571) 272-2100.

sfw

September 22, 2005



ANDREW CALDWELL  
SUPERVISORY PATENT EXAMINER